

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

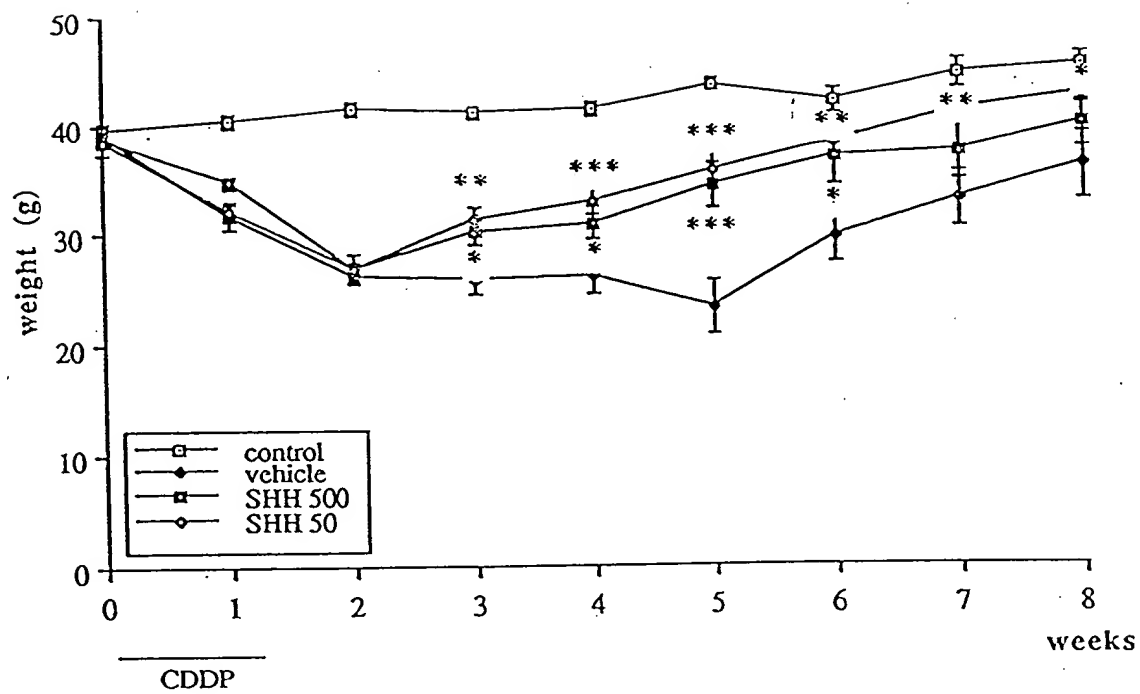
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

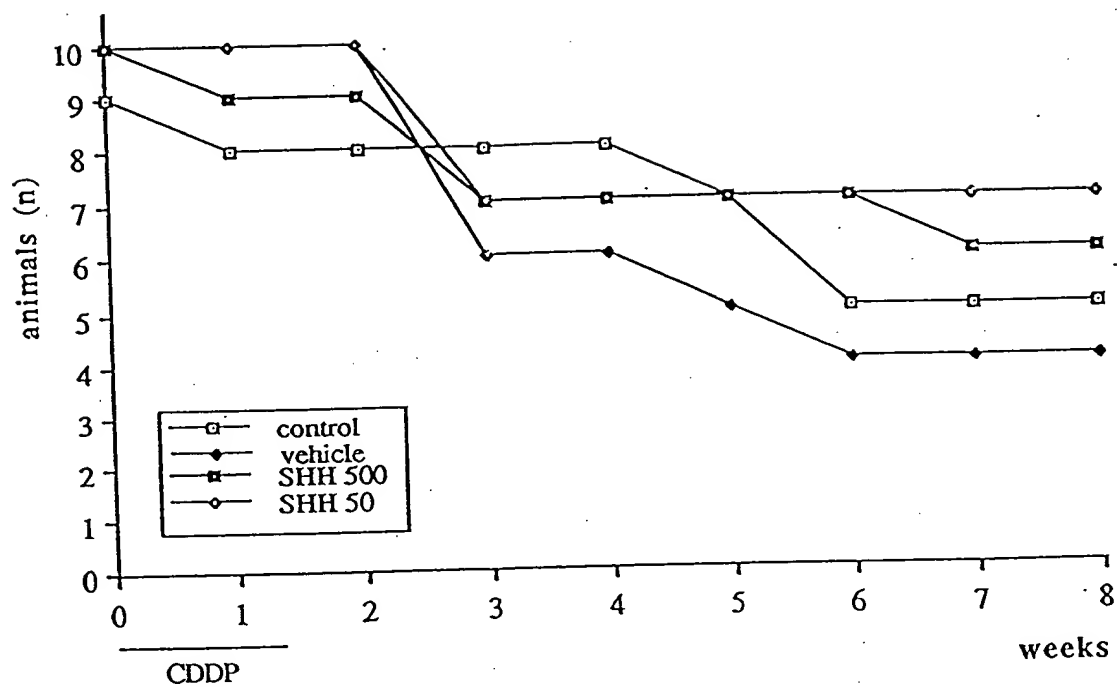
As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

Figure 1



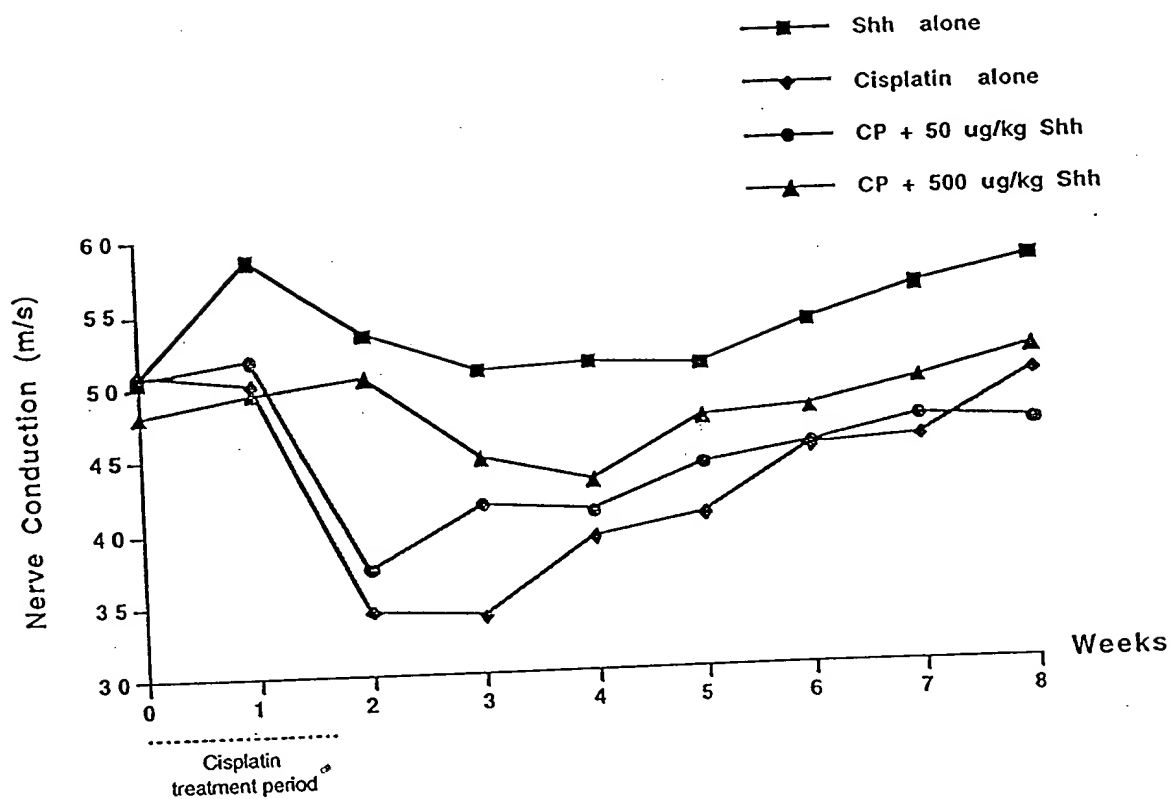
66807-EE/5460

Figure 2



66801-EE-25450

Figure 3



66801-EE25E460

Figure 4

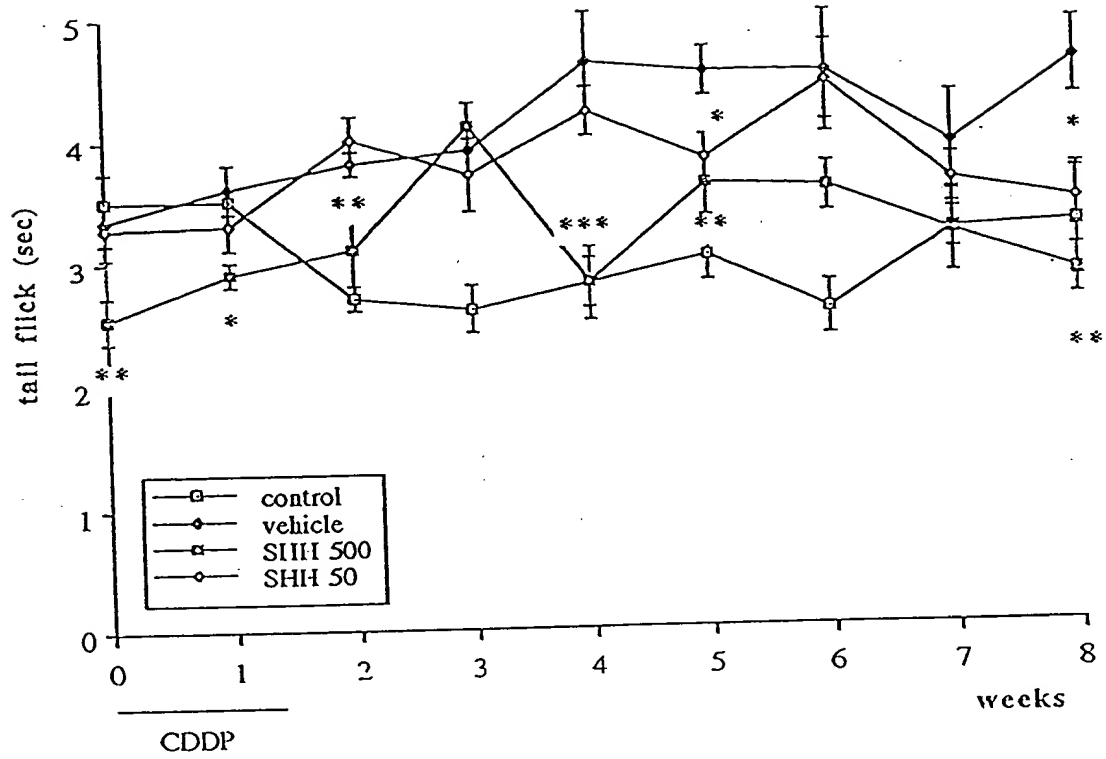


Figure 5

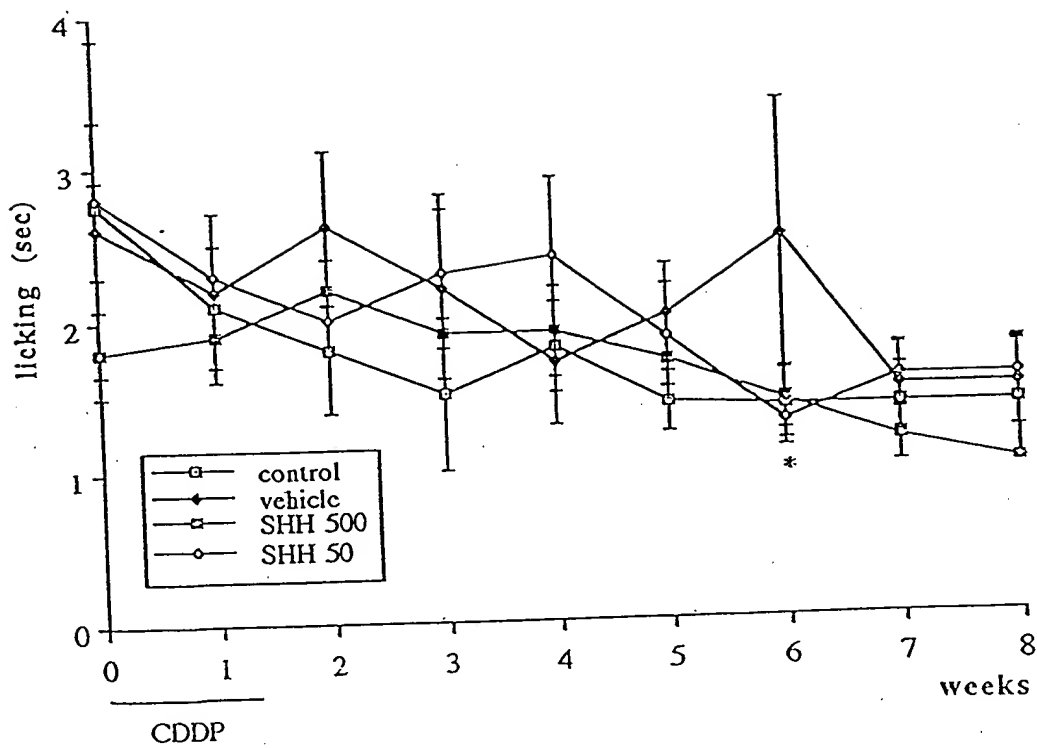


Figure 6

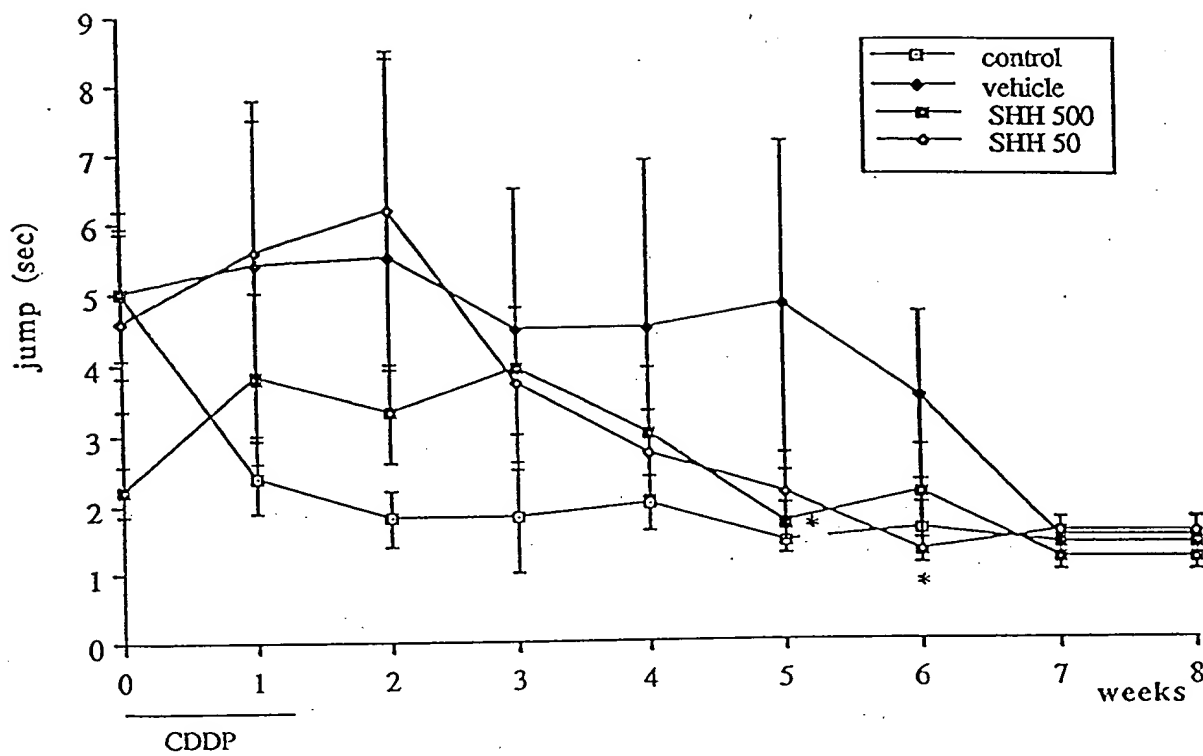


Figure 7

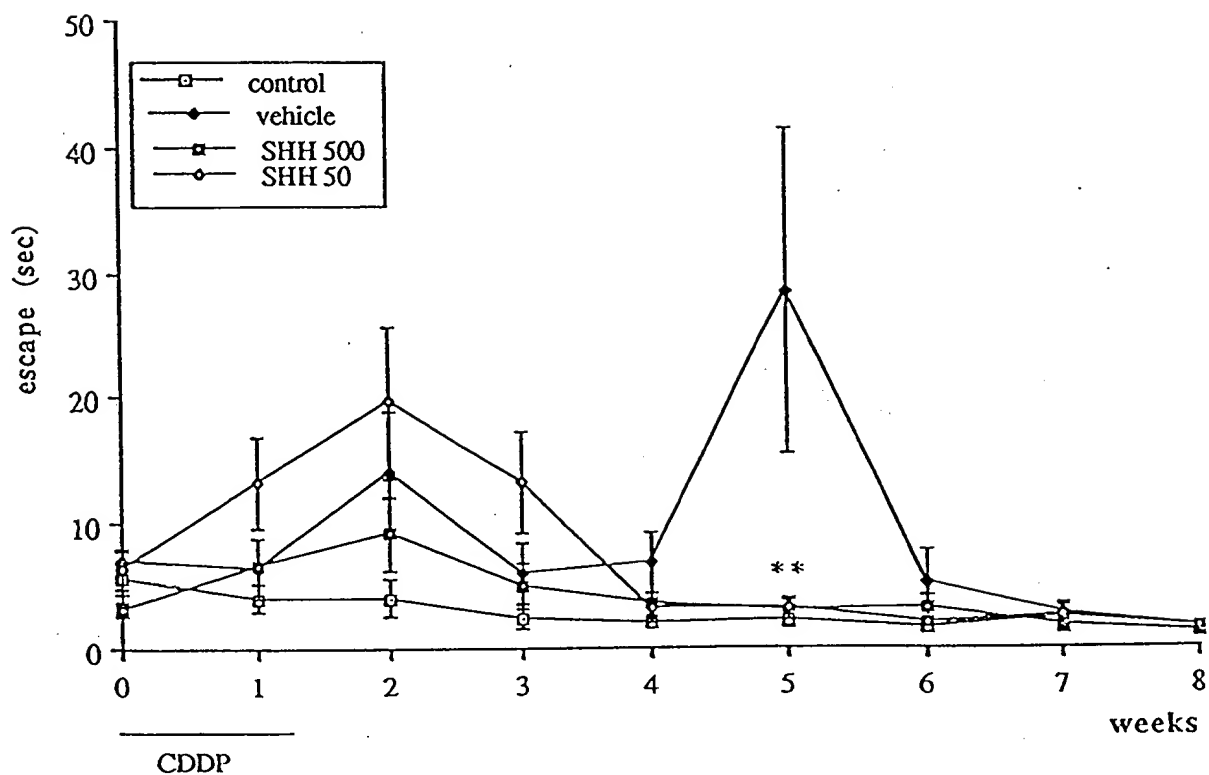
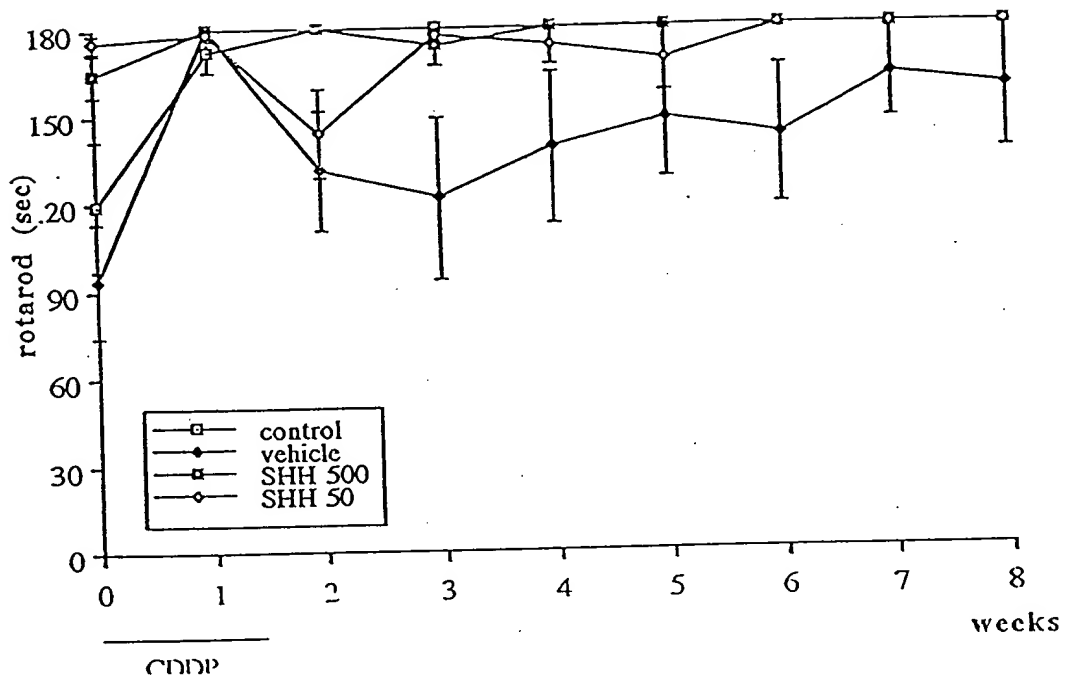
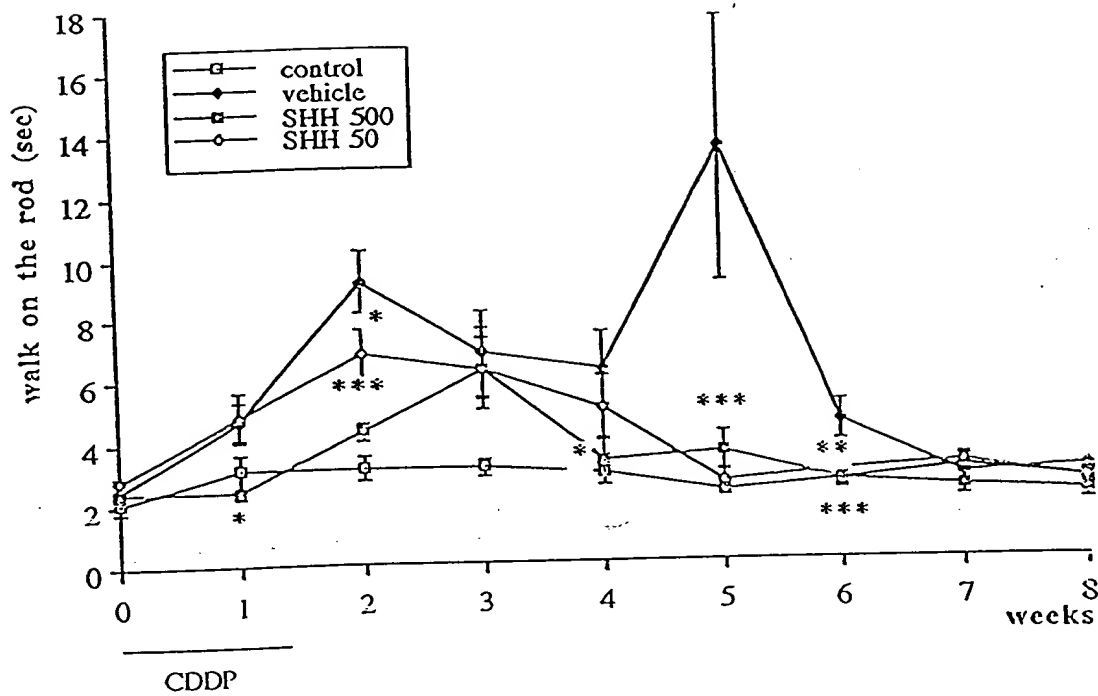


Figure 8



668011-EE25460

Figure 9



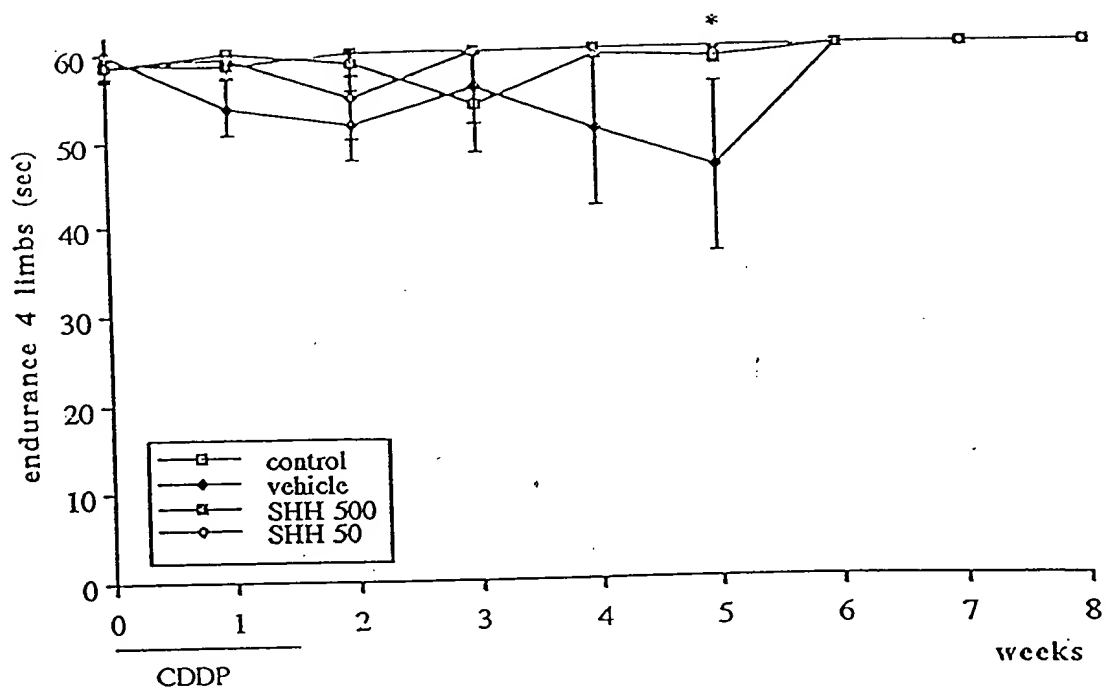
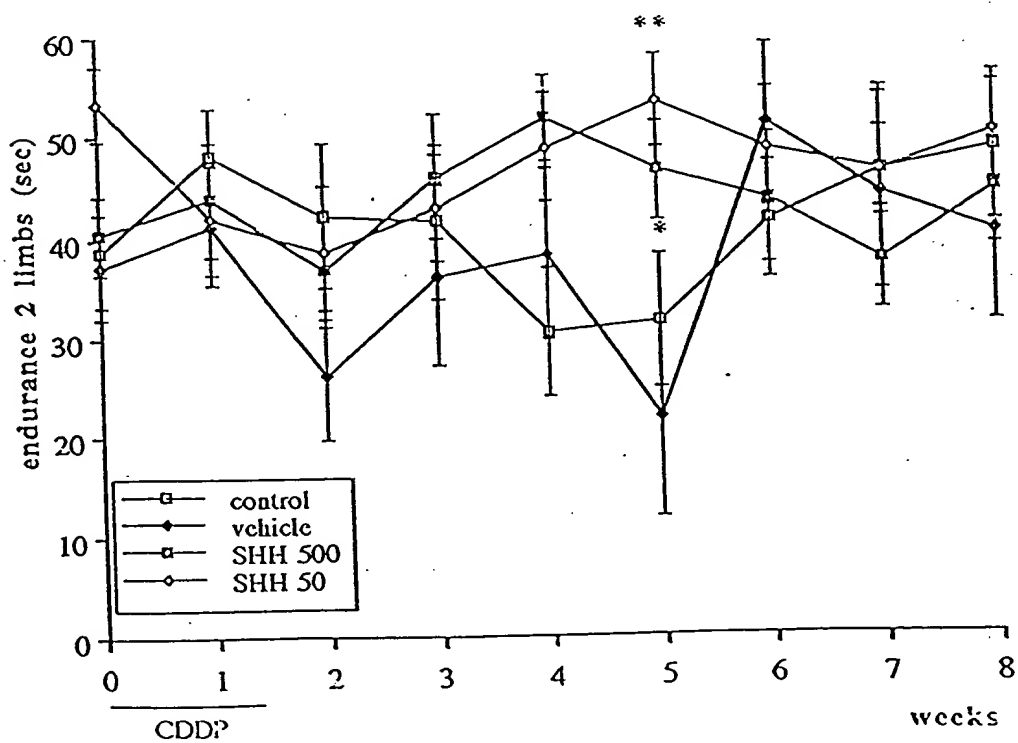


Figure 10A

Figure 10B



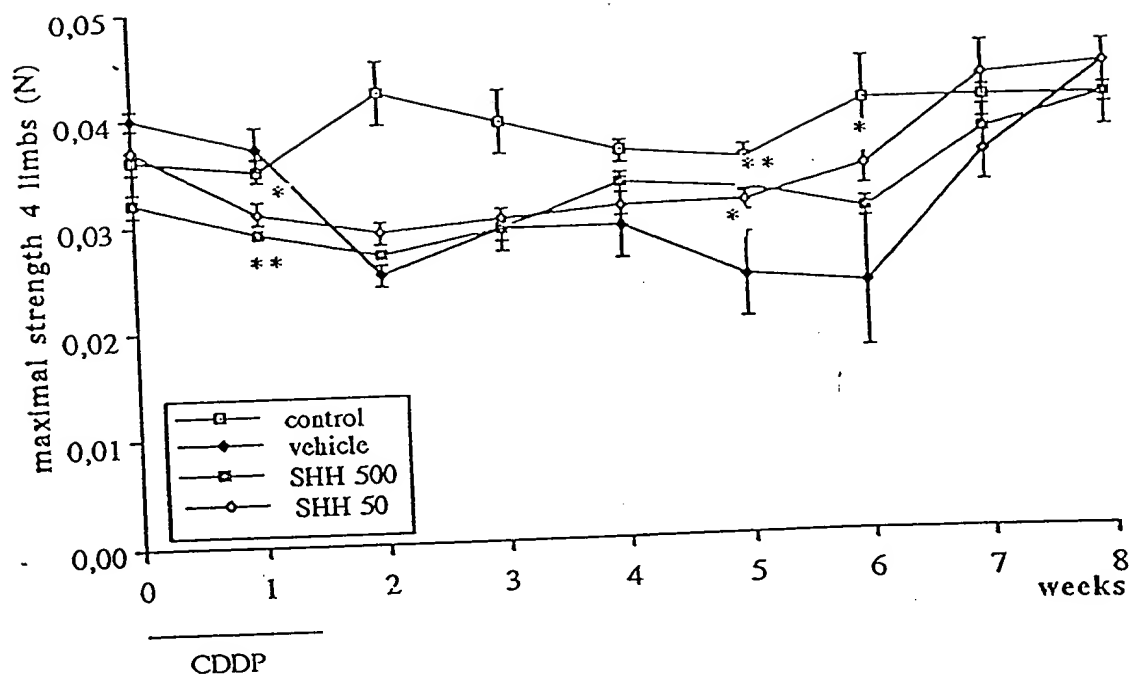


Figure 11A

Figure 11B

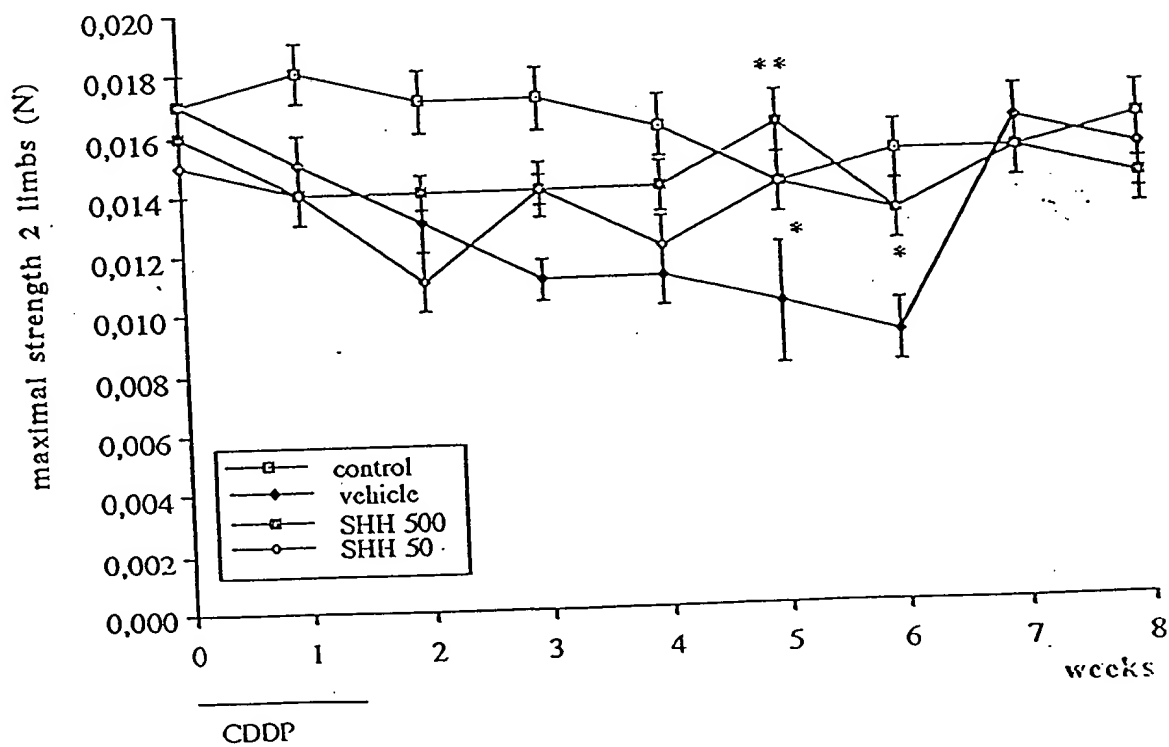


Figure 12

Functional Deficit in Peripheral
Nerve of Dhh $-/-$ Mice

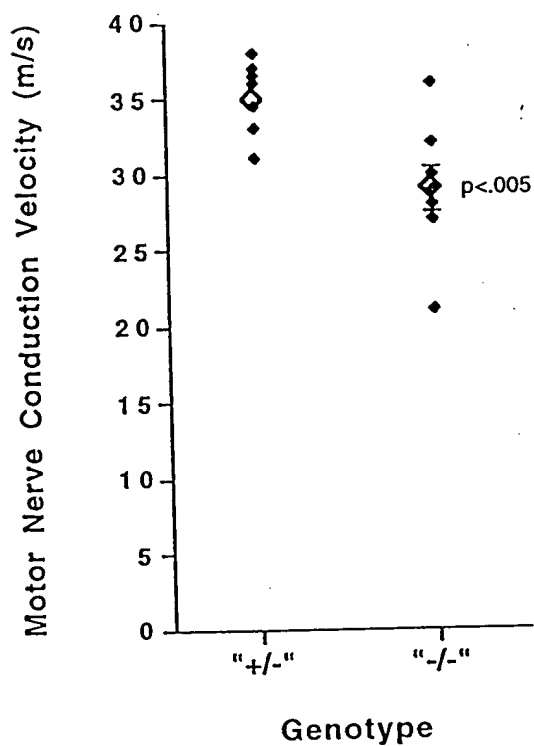


Figure 13A

Peripheral Nerve Morphology in the Normal Mouse

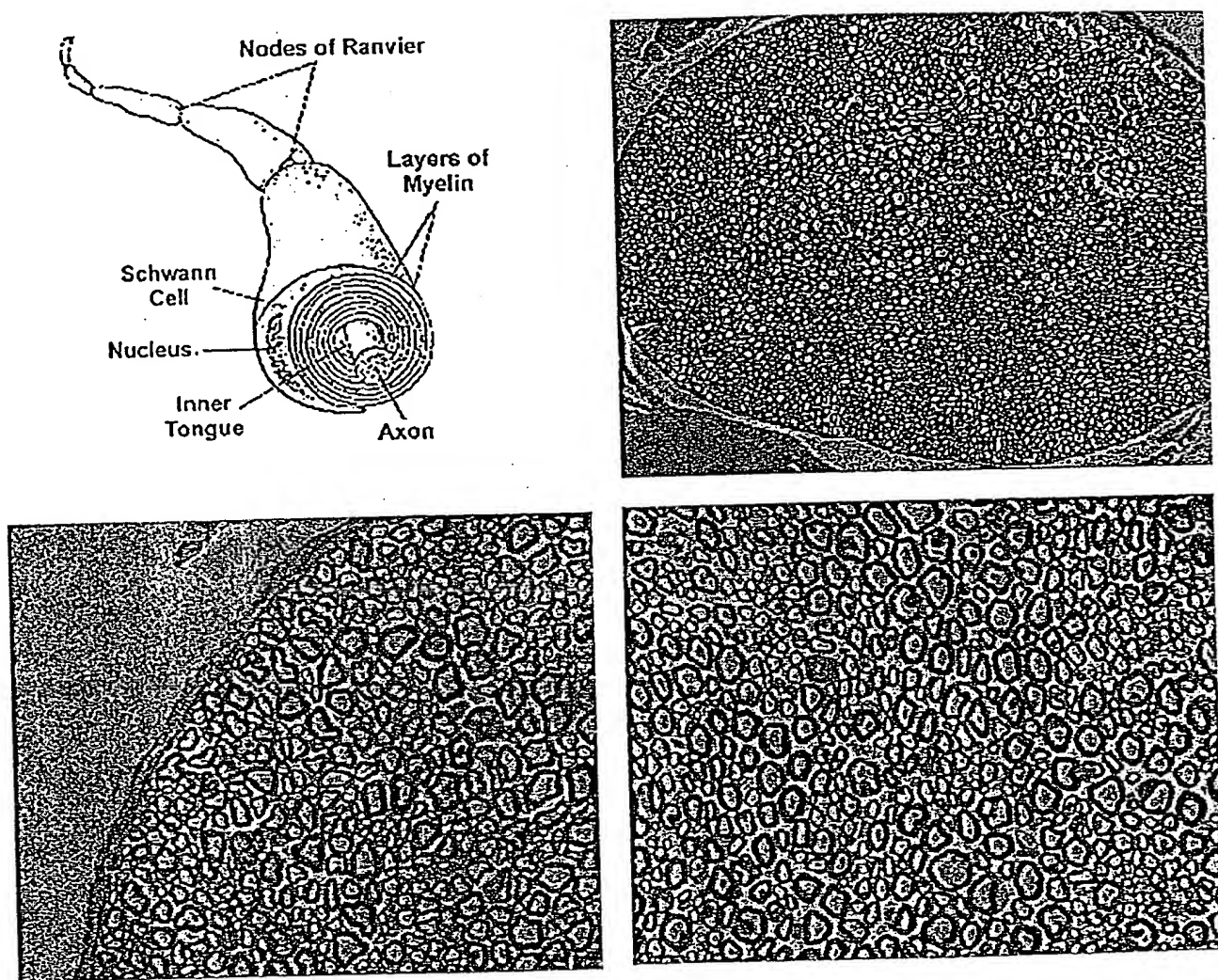


Figure 13B

Peripheral Nerve Morphology in the Dhh $-/-$ Mouse

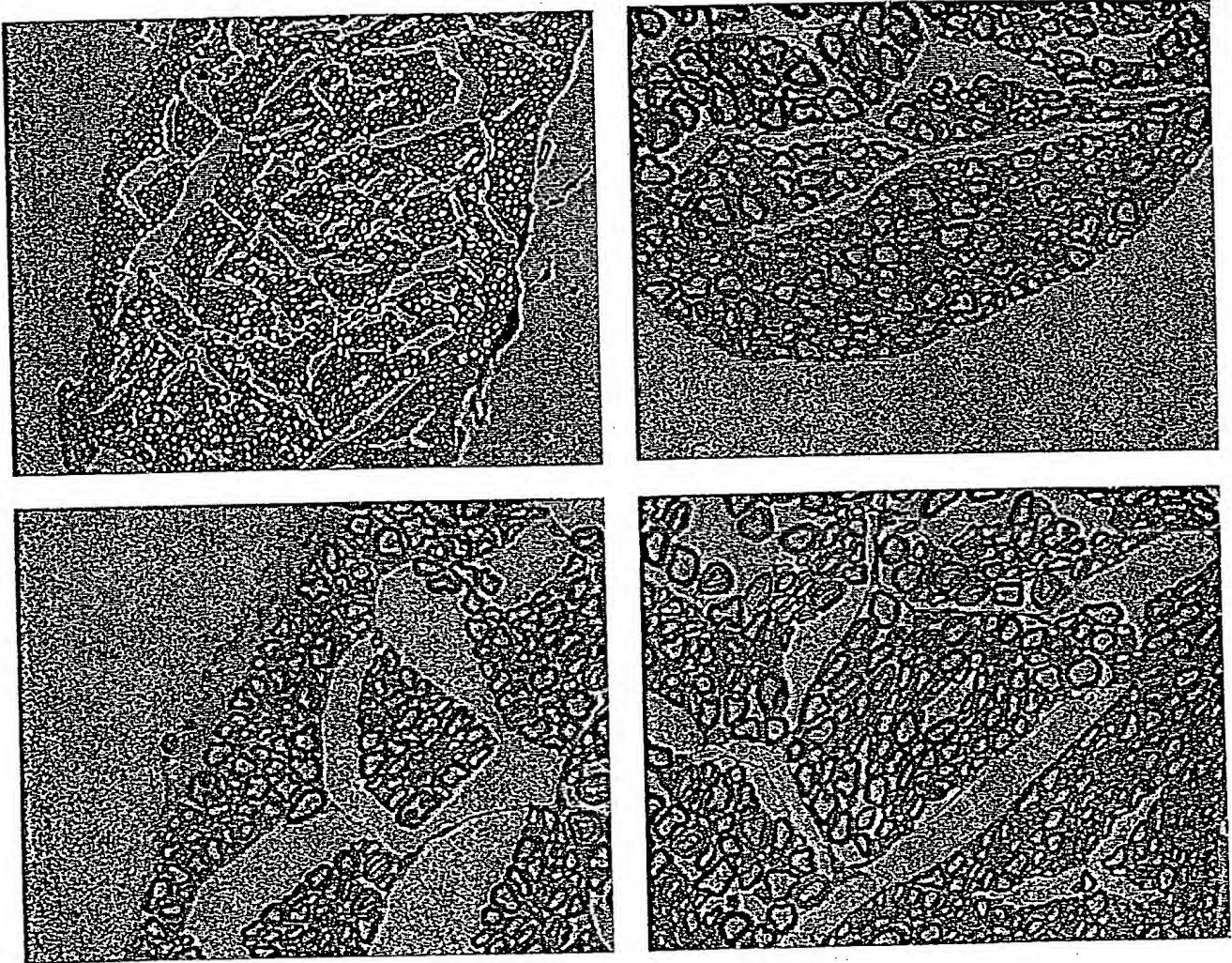
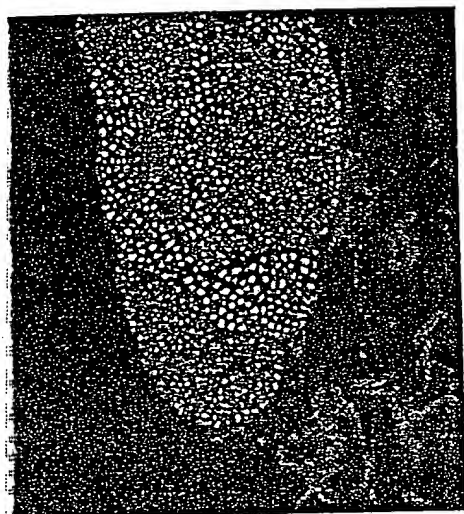
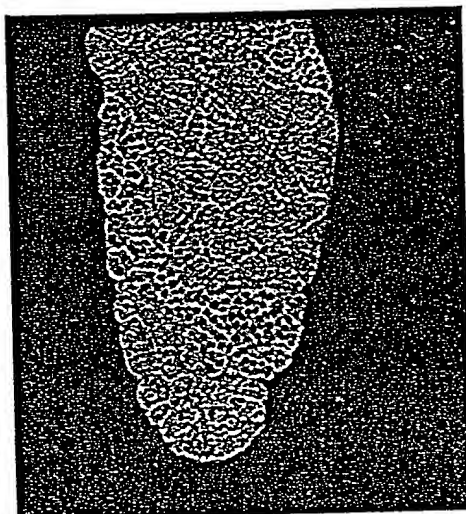


Figure 14A

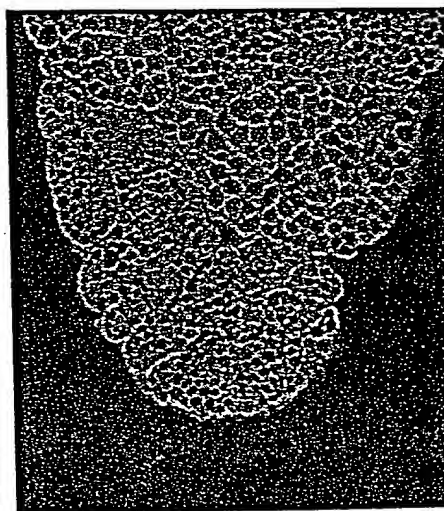
Immunocytochemistry of Dhh $-/-$ Mouse Nerve



Neurofilament
(axonal marker)



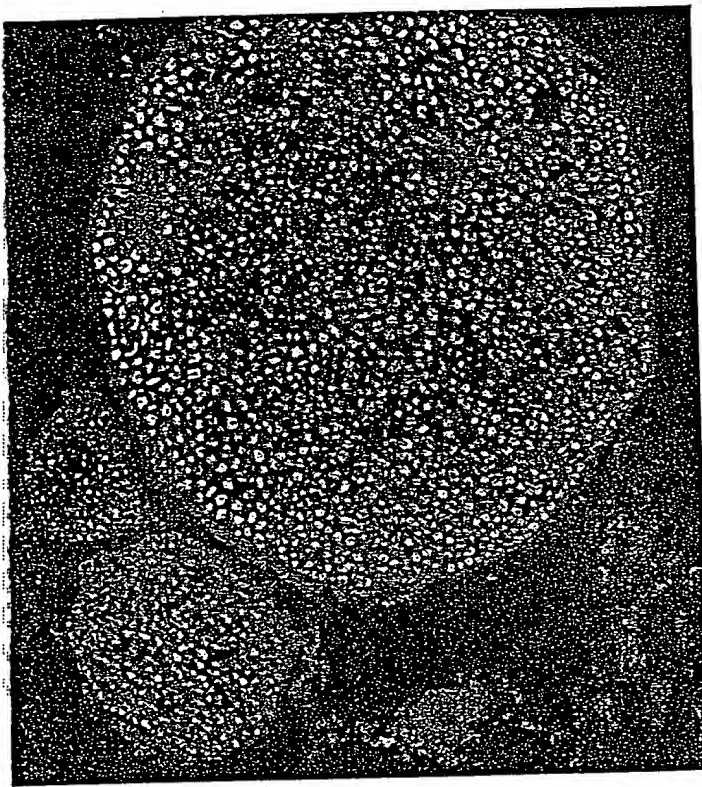
Laminin - low mag.
(ECM/connect. tiss. marker)



Laminin - high mag.

Figure 14B

Immunocytochemistry of Normal Mouse Nerve



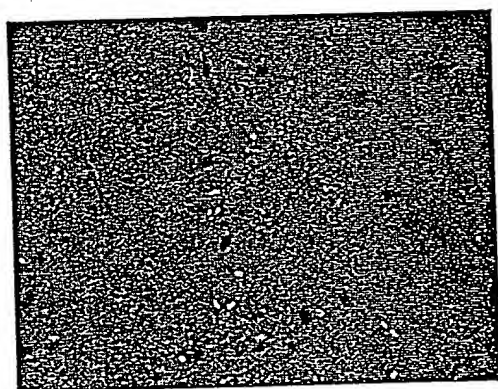
Neurofilament
(axonal marker)



Laminin
(ECM/connective tissue marker)

Figure 15

Hh Effects on Perineurial Cell Proliferation



- Dissociate P4 sciatic nerve
- Plate cells overnight
- Add Hh's and BrdU
- Fix 18-24 hours later
- Score cells

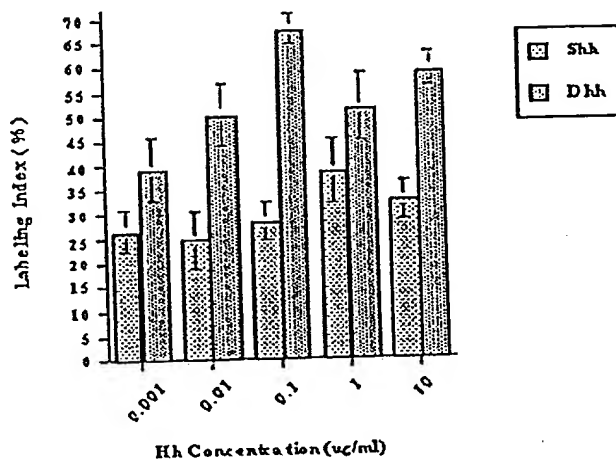


Figure 16

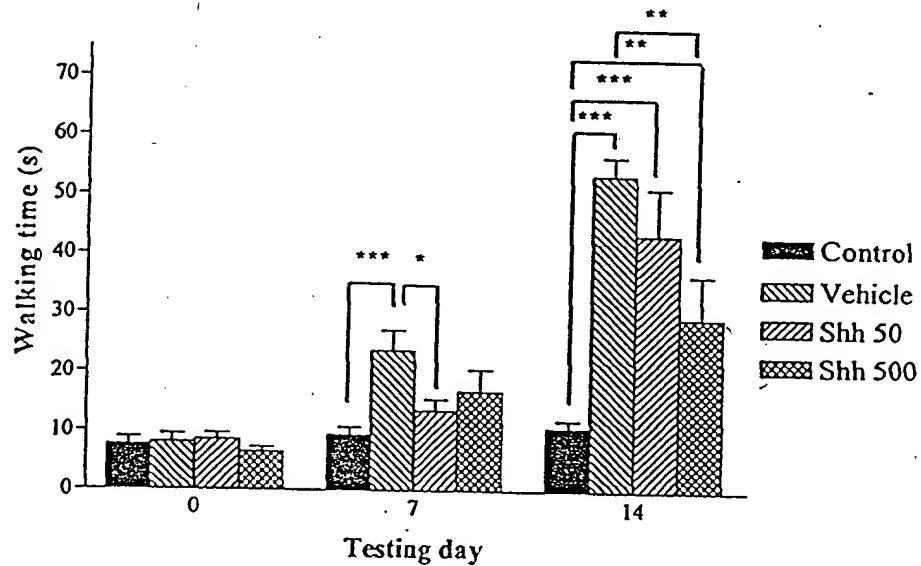


Figure 17

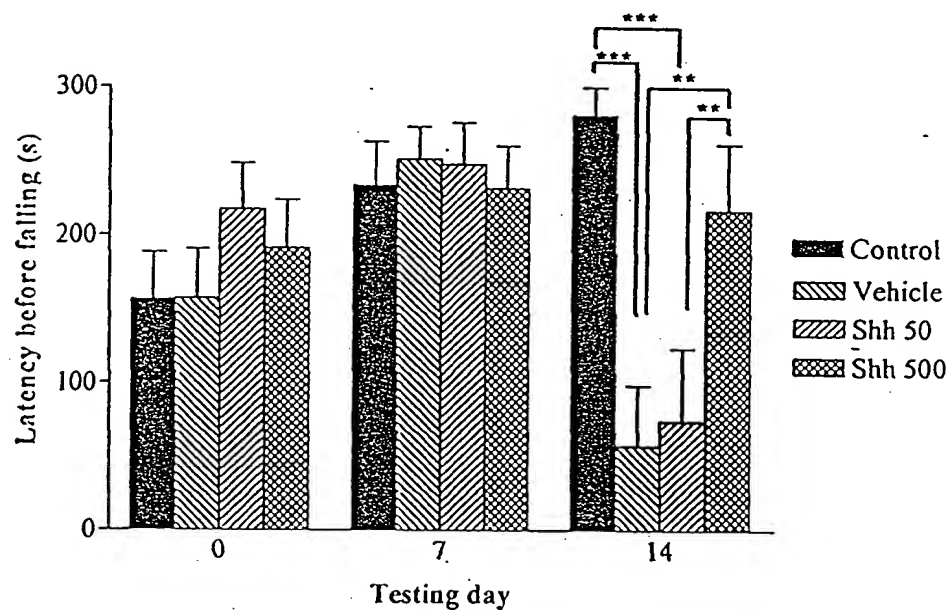


Figure 18

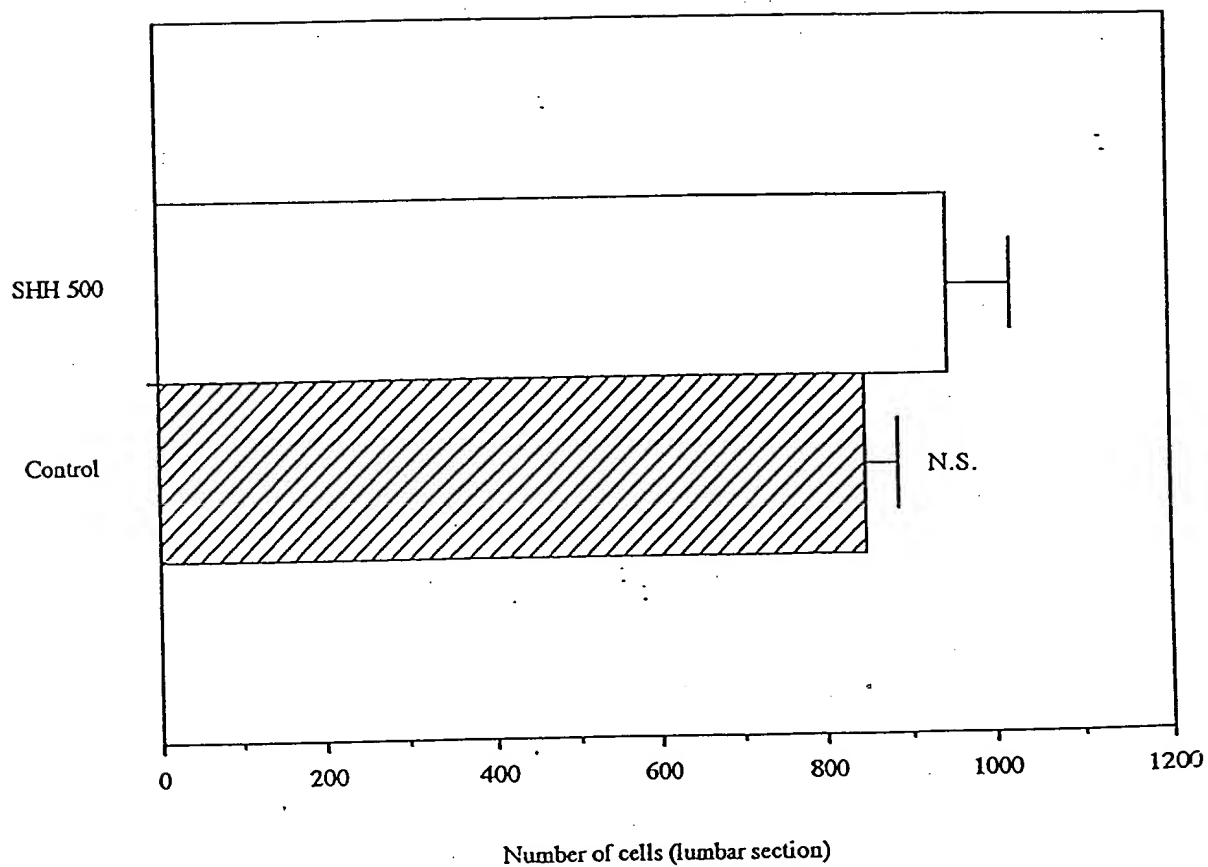


Figure 19

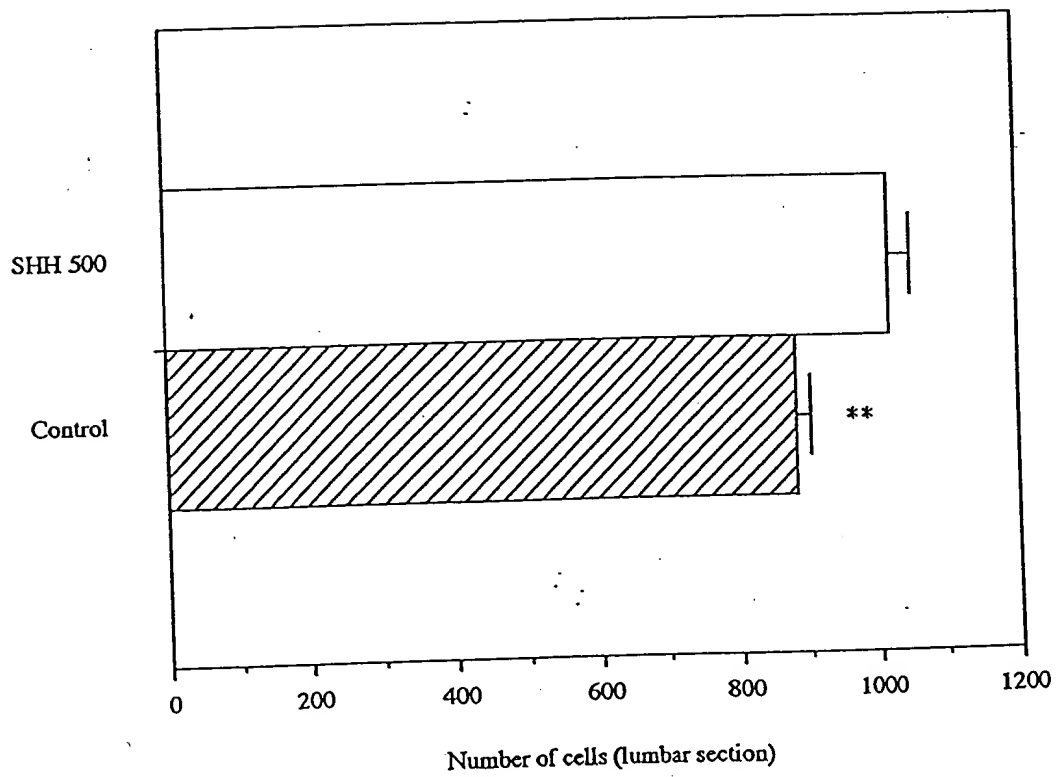


Figure 20

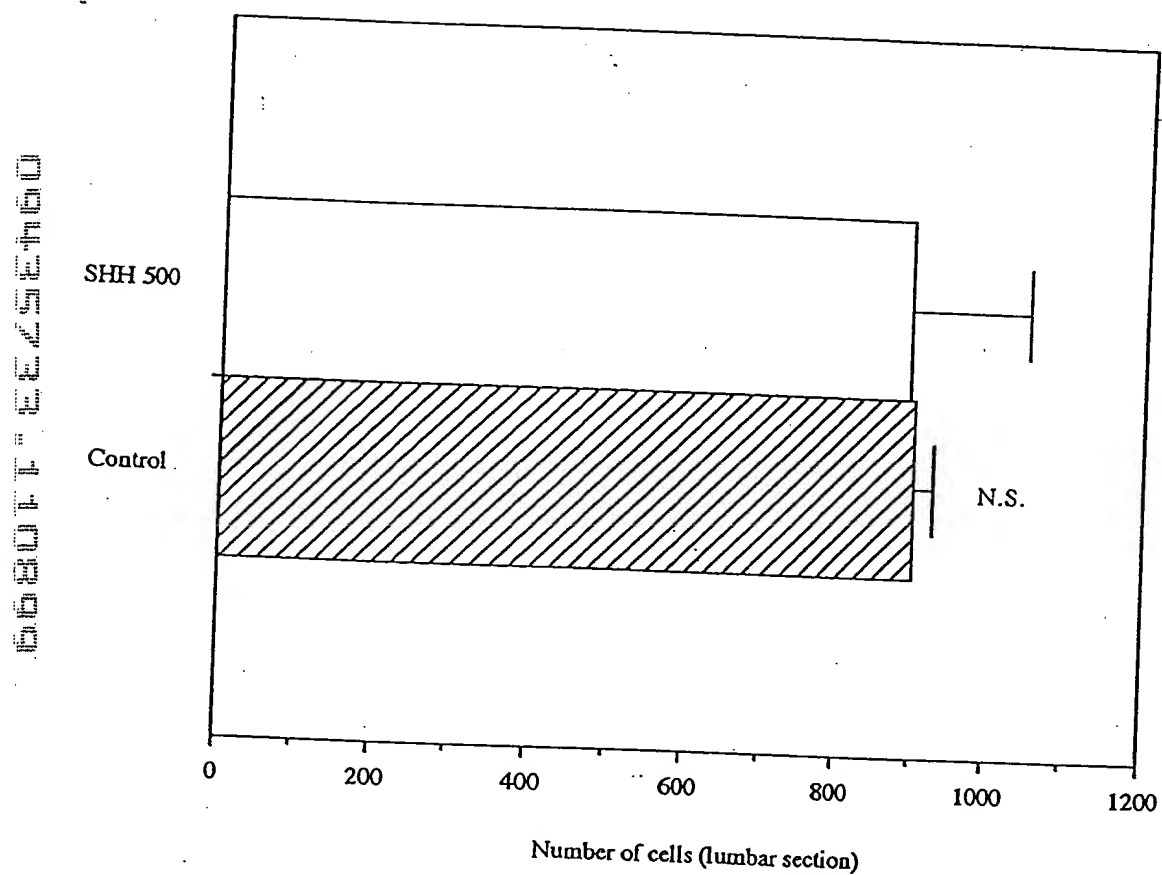


Figure 21

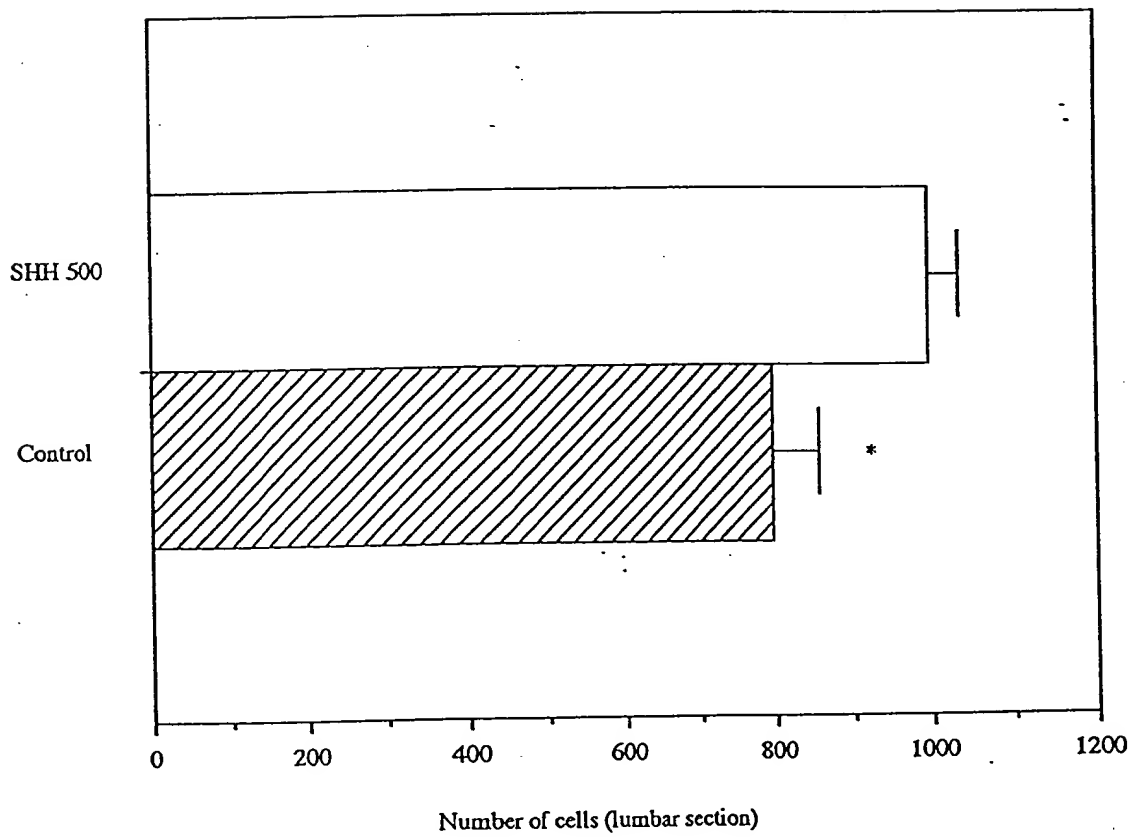


Figure 22

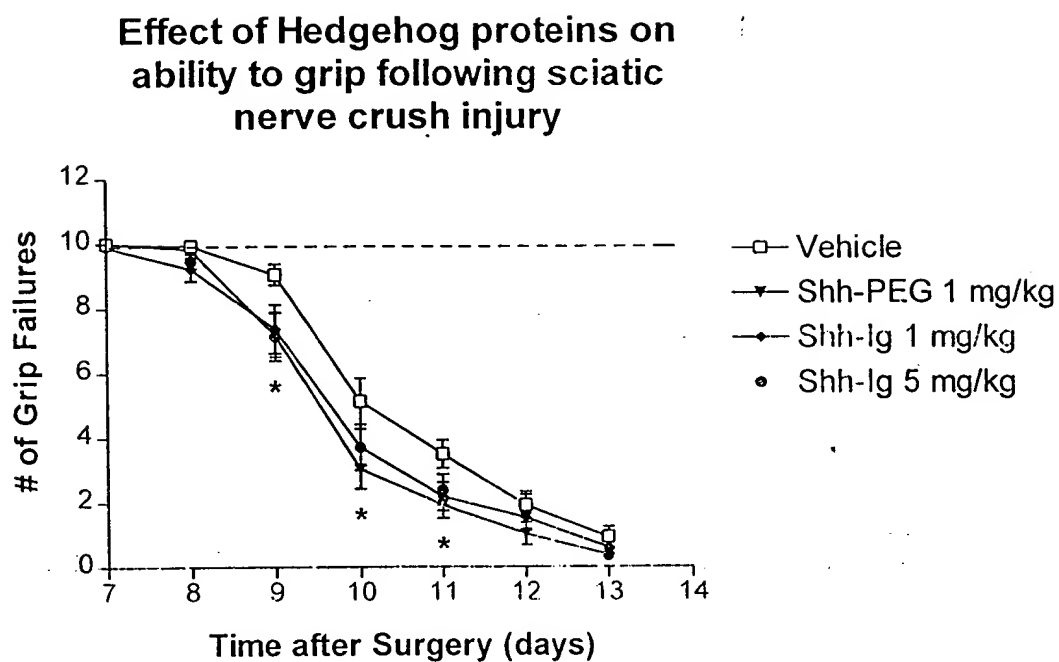


Figure 23

